



REDUCING
PLASTIC WASTE
IN CANADA



Funded by
the European Union

EU-Canada Action on Plastic Waste

Using procurement to reduce plastic waste
Train the Trainer Session
9 January 2023

Jo-Anne St. Godard, Circular Innovation Council
Mervyn Jones, Sustainable Global Resources

DISCLAIMER: The contents of this publication are the sole responsibility of EPRD and its consulting team (Reducing Plastic Waste in Canada) hired to produce these materials and can in no way be taken to reflect the views of the European Union.

EU-Canada Project objective

Boost the ongoing processes towards a circular economy for plastics in Canada by **enhancing partnerships and sharing EU strategies, policies and business models** as part of addressing marine and freshwater litter regionally and globally.



Policies & regulations

Peer-to-peer exchanges on successful policies, best practices and their results.



Technology knowledge

Business to business exchanges on efficient technologies and market strategies & practices at various scales.



Awareness & communication

Expand networks and increase exchanges with European governments, businesses and voluntary organizations.

TRAINING: Two modules on circular procurement to reduce plastic waste.

Each module is accompanied by Train the Trainer materials and a Resources pack (this pack includes an Action Plan template, examples of procurement clauses/ checklists/ case studies included in the slides and others).



TRAINING WEBSITE: <https://circularprocurement.ca/plastic-resources/>



REDUCING
PLASTIC WASTE
IN CANADA



Funded by
the European Union

Agenda



1. Learning objectives for Trainer the Trainer resources.



2. Recap - outlines of Training Modules 1 & 2.



3. Suggested structure and exercises



4. Additional resources – brief walk through of case studies



5. Additional resources - criteria examples



6. Additional resources - bibliography



7. Your feedback on the resources



1. Learning objectives for Trainer the Trainer resources.

Circular procurement to reduce plastic waste



1. Circular economy, procurement and plastics

Aims:

- Create a common understanding of the benefits and key success factors of circular procurement relating to plastics waste.
- How it supports priority economic, environmental and social outcomes at Federal, Provincial or Municipal level.
- Identify key actions/ next steps at policy/ strategy/ process/ capability or other level.

Help those who influence policy, budgets, business case options, market engagement and development within each level of government.



2. Specifying circular outcomes – the procurement toolbox

Aims:

- Build confidence in practically using procurement to reduce plastic waste.
- Apply through stages of the procurement process and the life cycle of the relevant product/ service or works.
- Identify key actions/ next steps for procurement project/ policy/ strategy/ process/ capability or other level.

Help procurement practitioners/ officers with responsibility for developing tenders and managing contracts within each level of government.



REDUCING
PLASTIC WASTE
IN CANADA



Funded by
the European Union

SESSION 1 LEARNING CHECKLIST – Key takeaways



1. Circular economy, procurement and plastics

Aim:

Create a common understanding of the benefits and key principles of circular procurement relating to plastics waste.

How it supports priority economic, environmental and social outcomes at Federal, Provincial or Municipal level.

Identify key actions/ next steps at policy/ strategy/ process/ capability or other level.

I understand:

...the important role that procurement plays in addressing the climate emergency and supporting a circular economy and benefits arising.

...where and how plastics waste arises and the nature of the problem.

...procurement success factors of setting clear ambition, asking 'Why' to consider alternatives, collaborating internally, with markets and peers – early in the process.

...challenges to reducing plastics waste through procurement and actual or potential solutions.

...key questions to ask and where to focus effort to start to address plastics waste through procurement.



SESSION 2 LEARNING CHECKLIST – Key takeaways



2. Specifying circular outcomes

Aims

- Build confidence in practically using procurement to reduce plastic waste.
- Apply through stages of the procurement process and the life cycle of the relevant product/ service or works.
- Identify key actions/ next steps for procurement project/ policy/ strategy/ process/ capability or other level.

I understand:

...that adopting a strategic approach to plastics should be considered as part of a broader strategy for sustainable procurement.

...it is important to understand where plastics arise in your procurement (hotspots) before deciding what action can be taken.

...it is important to avoid creating unintended consequences.

...how to ensure that criteria for plastics are balanced and proportionate to the subject matter.

...why it is important to ensure outcomes are monitored and reported in a timely way to determine what works and what the impacts of procurement decisions are.

...why it is important to encourage and enable continual improvement and development by existing suppliers and markets





2. Recap - outlines of Training Modules 1 & 2.

Agenda: 1. Circular economy, procurement and plastics



A. The Circular economy - and plastics



B. Circular procurement – key principles, alignment with public sector objectives and the role of procurement in addressing the plastics waste challenge



C. Addressing the plastics challenge through procurement



D. Defining actions - at policy/ strategy/ process/ capability or other level









REDUCING
PLASTIC WASTE
IN CANADA



Funded by
the European Union

Agenda: 2. Specifying circular outcomes

-  **E. Strategic planning** – identifying opportunities to reduce plastics waste through procurement
-  **F. Pre-solicitation** – defining need, evaluating alternatives, engaging with markets
-  **G. Specifying for plastics waste reduction**
-  **H. Evaluation and award**
-  **I. Monitoring outcomes**
-  **J. Defining actions** - at procurement/ policy/ strategy/ process/ capability or other level



3. Suggested structure and exercises.

Module 1: Addressing actual & perceived challenges

In your group, consider:

- What are the challenges you face/ feel others face in reducing plastics waste from procurement?
- What solutions exist/ have been used/ could be developed – share lessons?

Breakout
Groups



Module 1: Developing an Action Plan

Aim for 20 minutes
including 5 minutes feedback

ACTION	FOCUS e.g. Policy and Buy-in, Capability, Collaboration, Identifying priorities, Tender requirements, Monitoring outcomes	KEY ACTORS

In groups

- What are the key actions they feel need to take place?
- Who are the internal and external functions or roles that are critical and how can we address their focus areas.
- Ask them to feedback key actions (as a group) using the template on the slide and how they may vary within the group according to the organisation/ region?
- Does this include opportunities to collaborate in the future among the group?

Breakout
Groups

Module 2: Breakout Groups – engagement

In your group, consider:

- What are current levels of engagement – who how, what & when, with the market?
- What mechanisms for engagement could be employed to address plastics waste challenge?

Breakout
Groups



**Aim for 20 minutes
including 5 minutes
feedback**

- In groups facilitate discussion about challenges faced in reducing plastics waste through procurement – actual and perceived.
- What are current levels of engagement and when with the market?
- What mechanisms for engagement could be employed to address plastics challenge?

Module 2: Breakout Groups – specification & criteria

In your group:

- Consider what specifications would be appropriate for the given product.
- How will you incorporate into evaluation and /or technical specifications?

Breakout
Groups



**Aim for 20 minutes
including 5 minutes
feedback**

In groups

- **Assign a product to each focus Group, based on audience - ICT, catering consumables or something specific like packaging or plastics cups**
- **Consider what specifications would be appropriate, e.g. supplier specs, technical specs, performance specs**
- **How will you incorporate into evaluation how are tenders evaluated currently and what /where is the scope to address plastics / broader sustainability through the scoring, weighting and evaluation.**



4. Additional resources – brief walk through of case studies.

Circular procurement to reduce plastic waste – Case studies

Included within these slides are:



- Case studies which have been included in the two training modules (shown opposite):
*‘Using procurement to reduce plastic waste’**.
- Other case studies which provide additional examples of how plastics waste has been addressed through procurement.



1. Circular economy, procurement and plastics.



2. Specifying circular outcomes – the procurement toolbox.

Case studies are grouped by primary theme, although many of the case studies address multiple themes across the procurement cycle and lifecycle of plastics.

Additional resources available include example procurement clauses to address plastics waste and a bibliography of sources of useful information*.

*available from: https://circularplastics.eu/green_procurement



REDUCING
PLASTIC WASTE
IN CANADA



Funded by
the European Union

Case studies

	Theme	Detail
1	Policy & Strategy	Government of Canada – evidence-based action
2	Policy & Strategy	The City of Toronto - Circular procurement commitment
3	Policy & Strategy	Greater London Authority - Circular procurement commitment within responsible procurement policy
4	Policy & Strategy	New Zealand– Life cycle approach
5	Life Cycle Impacts & Costs	Hamburg - Circular approaches to plastics – Life Cycle Costs
6	Life Cycle Impacts & Costs	Monmouthshire School Milk - circular approaches to plastics – Life Cycle Savings analysis
7	Life Cycle Impacts & Costs	EU Catering & Food GPP - circular approaches to plastics – Life Cycle Savings analysis
8	Avoid Plastics Waste	Furniture - European Commission, Belgium - circular approaches to plastics – Avoid plastics waste
9	Avoid Plastics Waste	Mutualia, Basque Region, Spain - circular approaches to plastics – Avoid plastics waste
10	Avoid Plastics Waste	Svenska Retursystem - circular approaches to plastics – Avoid plastics waste
11	Avoid Plastics Waste	Ceredigion, Wales – catering plastics audit - circular approaches to plastics – Avoid plastics waste
12	Avoid Plastics Waste	Glasgow Kelvin College - circular approaches to plastics – Avoid plastics waste
13	Lifetime Optimization to Reduce Plastics Waste	Computers for Schools/ GC Surplus - Circular approaches to plastics waste – Lifetime optimization & extension

Case studies

	Theme	Detail
14	Lifetime Optimization to Reduce Plastics Waste	Durham County Council (DCC) – Purchase and resale agreement ICT
15	Lifetime Optimization to Reduce Plastics Waste	ICT lessons from Scotland and ProCirc
16	Biobased plastics	Usable Packaging - circular approaches to plastics waste – Innovative ‘closing the loop’
17	Biobased plastics	Early design choices, biobased materials - circular approaches to plastics – Avoid plastics waste
18	Biobased plastics	Biobased Tree anchors, Municipality of Rotterdam
19	Early engagement – to reduce plastics waste	Aalborg, Denmark - early engagement – playground equipment
20	Early engagement – to reduce plastics waste	Merton Council, London - Reducing Single Use Plastic
21	Market development – to reduce plastics waste	Alternative innovative solutions
22	Market development – to reduce plastics waste	EU Circular approaches to plastics waste – Strengthening recyclates market
23	Market development – to reduce plastics waste	Loop Industries - circular approaches to plastics waste – Strengthening recycling
24	Market development – to reduce plastics waste	Canadian Plastics Innovation Challenge - circular approaches to plastics waste – Innovative ‘closing the loop’
25	Collaborative approaches – to reduce plastics waste	Reducing single use plastics – Caerphilly County Council, Wales
26	Collaborative approaches – to reduce plastics waste	Impacts from collaborative approaches – Canada & UK Plastics Pact
27	Other – plastics case studies	WRAP Plastics case studies
28	Other – plastics case studies	Plastics Europe Case Studies
29	Other – Green Public Procurement examples (some contain reference to plastics)	European Commission GPP Good Practice



5. Additional resources - criteria examples.

EU criteria examples



REDUCING
PLASTIC WASTE
IN CANADA



Funded by
the European Union

Reducing Plastics Waste through Procurement

Model wording examples

For examples of reducing plastics waste through procurement also see the suite of case studies.
Also see the Bibliography for relevant references.

Training materials available from: https://circularplastics.eu/green_procurement

Over 20 examples grouped according to theme:

- Introduction
- Packaging
- General – Outcome-based Specifications
- Recycled Content/ Reuse/ Recycling
- Monitoring Outcomes



6. Additional resources – bibliography.

Bibliography



REDUCING
PLASTIC WASTE
IN CANADA



Funded by
the European Union

EU-Canada Action on Plastic Waste

Using procurement to reduce plastic waste

Bibliography: sources of useful information

For examples of reducing plastics waste through procurement also see the suite of case studies.
Training available from: https://circularplastics.eu/green_procurement

Theme	Detail and link
Bioplastics	The Finnish Bioeconomy Strategy
Circular Economy	World Economic Forum Circular Economy
Circular Economy – and climate change	Ellen MacArthur: How the circular economy tackles climate change
Circular Economy – business models	Five business models of circularity
Circular Economy – and plastics	Environment and Climate Change Canada – circular economy and plastics video
Circular Economy – and plastics	Circular economy global sector best practices series background materials for circular economy sectoral roadmaps
Circular Economy - and plastics	Circular Economy Global Sector Best Practices Series
Circular Procurement - guidance	Circular Procurement in 8 steps
Packaging – plastics priorities	Effectiveness of the Essential Requirements for Packaging and Packaging Waste
Packaging – award criteria	EU catering & food GPP – packaging award criteria
Packaging – plastics in healthcare	Public Procurement in Healthcare: Plastic packaging and tender requirements, Aarhus University hospital in Central Denmark Region
Plastics industry - Canada	Economic Study of the Canadian Plastic Industry, Markets and Waste
Plastics – circular collaboration	A Shared Action Plan to Build a Circular Economy for Plastics Packaging
Plastics – circular collaboration	UK Plastics Pact
Plastics – circular collaboration	European Plastics Pact
Plastics management - innovation	Loop Industries – strengthening recycling of textiles plastics
Plastics management - innovation	Industry Plastic Initiatives
Plastics management - innovation	Canadian Plastics Innovation Challenges – Environment and Climate Change Canada Phase 1 recipients
Plastics management - innovation	Green Mantra Technologies - specialty polymer additives made from waste plastic
Plastics management – hierarchy of actions	Strategy on Zero Plastic Waste: Hierarchy of priority in plastics management
Plastics management – cycled and renewable content certification	Cradle to Cradle® Certification Requirements and plastics - Cradle to Cradle Certified Required Percentages of Cycled and Renewable Content by Product and Material Type
Plastics management – design for recycling (Plastic Recyclers Europe)	Design for Recycling Plastics Recyclers Europe
Plastics management - tourism	Addressing plastic pollution in tourism through sustainable procurement
Plastics management – tender requirements	Circular tender criteria for professional clothing – Interreg North Sea Region ProCirc
Plastics management – tender requirements (Manitoba)	Quick Guide for Sustainable Purchasing
Plastics management – tender requirements (Quebec)	Quebec Eco-responsible acquisitions The Center for Government Acquisitions (CAG)
Plastics management – tender requirements (Federal)	Public Services and Procurement Canada Green Procurement Clauses, Conditions and Instructions



7. Your feedback on the resources.

Give us some feedback on the resources



Thank you!

CONTACTS:

Jo-Anne St. Godard, Circular Innovation Council

joanne@circularinnovation.ca

Mervyn Jones, Sustainable Global Resources

mervyn@sustainableglobalresources.co.uk

TRAINING WEBSITE: https://circularplastics.eu/green_procurement